Agenda Item 5

Delta Improvements and the Bay-Delta Program

BDPAC & Authority Actions

This is an informational report only

FRANCISCO The Examiner.

Smelt overstay welcome in Delta's water system

Endangered fish's presence puts pumps at a standstill as Silicon Valley, others grow restive

Robert Salladay, EXAMINER CAPITOL BUREAU Wednesday, June 23, 1999

is no longer pure enough to process delicate high-tech products or supply

CONTRA COSTA TIMES

PROGRAM TO SAVE DELTA SMELT MAY STALL WATER SUPPLIES

The Sacramento Bee

Protection of fish puts farm, Bay Area water at risk

fresnoBee

NEAR SMELTDOWN: A LITTLE FISH CAUSES A BIG WATER CRISIS IN THE DELTA.

June 26, 1999

Historical context

Before the Bay-Delta Program

- Little agency coordination
- Competing interests deadlocked
- Fish species declining; water quality slipping; supplies unreliable

Today

- Agencies & stakeholders working together
- Fish populations stabilized and show signs of rebounding
- Delta supplies more reliable

Why this approach works

- Collaborative process
- Multi agency focus & planning
- Sound science
- Public involvement
- Requires balance

Resource Management Goals

Four resource management goals are implemented through 11 major program elements.





PROGRAM ELEMENTS

- Science
- Water Management
- Storage
- Conveyance
- Water Use Efficiency
- Water Transfers
- Ecosystem Restoration
- Environmental Water Account
- Watershed Management
- Drinking Water Quality
- Levee System Integrity

ROD Conveyance/EWA/Water Quality Commitments

South Delta Improvements

- Increase pumping to 8,500 (2003) and 10,300 (2007)
 - Temporary barriers
 - Other actions to protect local diverters
 - Plan for coordinated operations of SWP/CVP
 - Design and construct new fish screens
 - Design and install operable barriers
 - Reduce agricultural drainage in the delta
- Design and construct an SWP-CVP intertie (2004)
- Design and construct a San Luis bypass canal (2004)
- Environmental Water Account
 - 4 year experiment
 - Need decision on long-term EWA (2004)

Different discussions focus on different aspects

Water Supply

- Integrate state & fed project ops
- Improve system flexibility
- Allows storage sharing
- Improve conveyance & pumping

Environment

Long-term environmental water account

Water Quality

- Protects agriculture water levels, depth & quality
- Improves water quality for urbans

Napa Discussions

Agency Discussions

UOP Discussions

Delta Improvements Package



Water Supply Reliability

- Increase SWP pumping capacity to 8,500 cfs
- Implement SWP/CVP integration plan
- Design & construct SWP/CVP intertie



Ecosystem restoration

- Launch expanded, long-term EWA with combination of public and user funding
- Updated ESA / Eco commitments



Water Quality

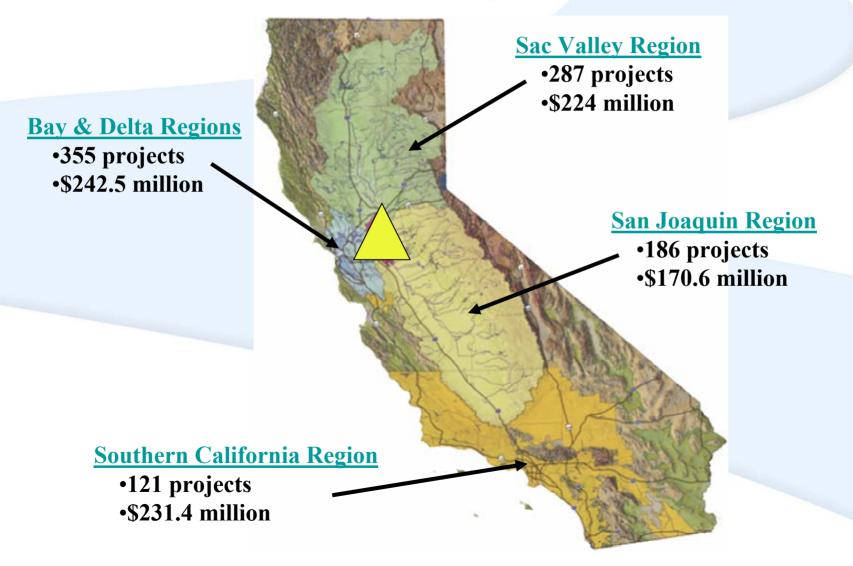
- Reduce agricultural drainage/relocate intakes
- Develop strategy to improve Frank's Tract
- Install temporary & permanent barriers
- Address Stockton dissolved oxygen problem
- Improve flows/water quality in lower San Joaquin River



Science

- Issue science agenda related to flows/water quality and operations
 - Extend hydrodynamic studies to South Delta
 - Issue new solicitation for proposals on priority issues
 - Increase evaluation/peer review of data

Delta Improvements complement regional projects



Next steps...

- Dec. 11 CBDA review
- Refine schedule of integrated key milestones
- Implement process for stakeholder involvement in development and review of key milestones